

100

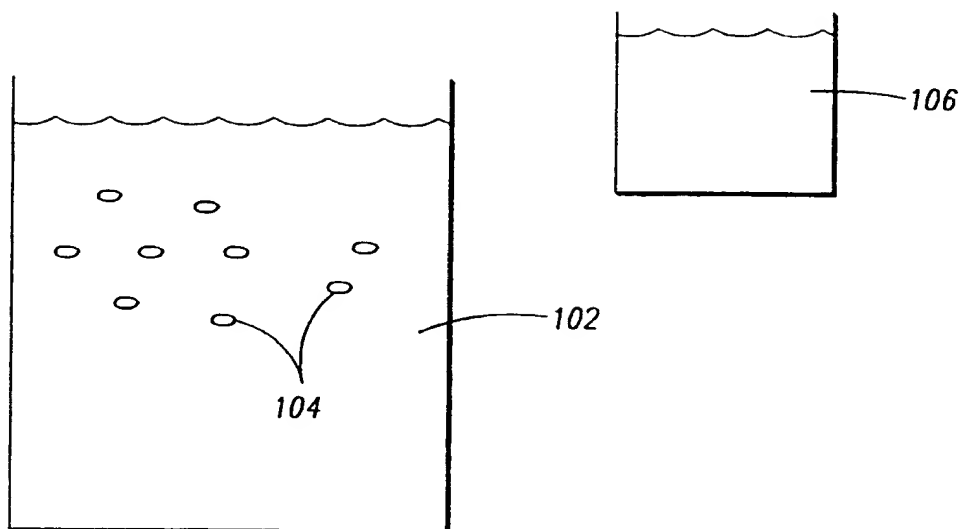


FIG. - 1

200

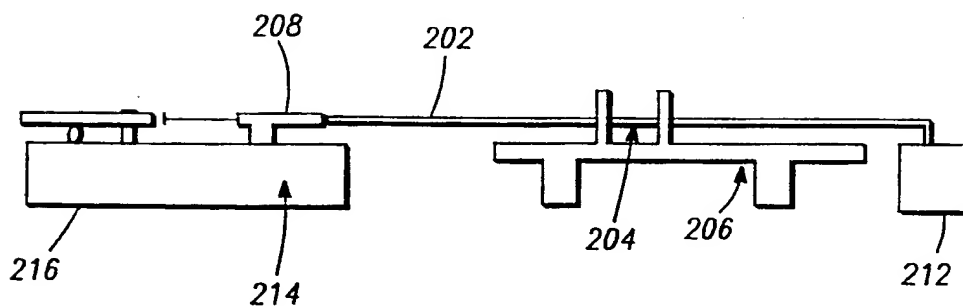


FIG. - 2A

002020 12000960

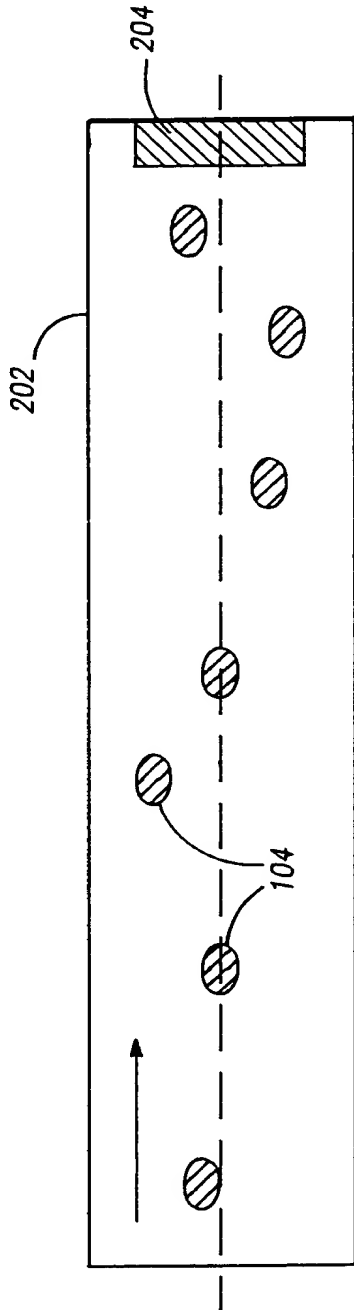


FIG. -2B

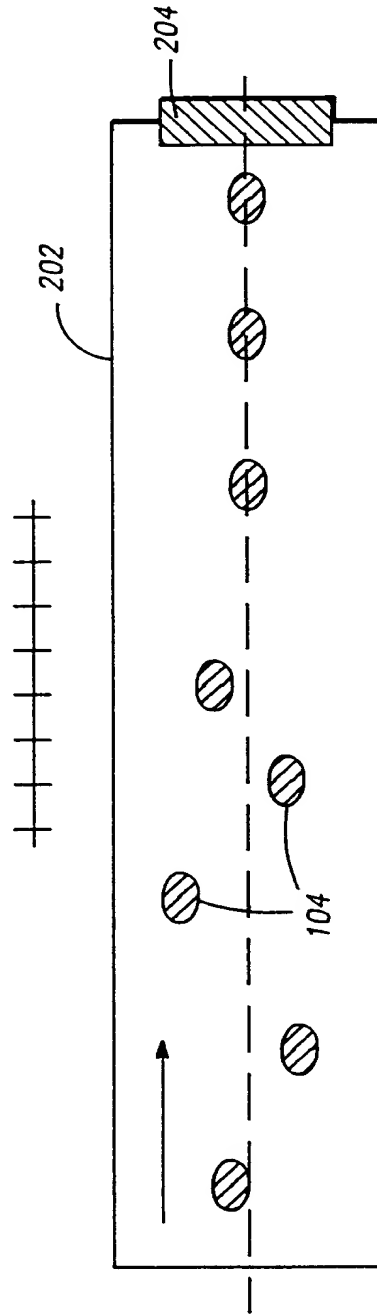


FIG. -2C

300

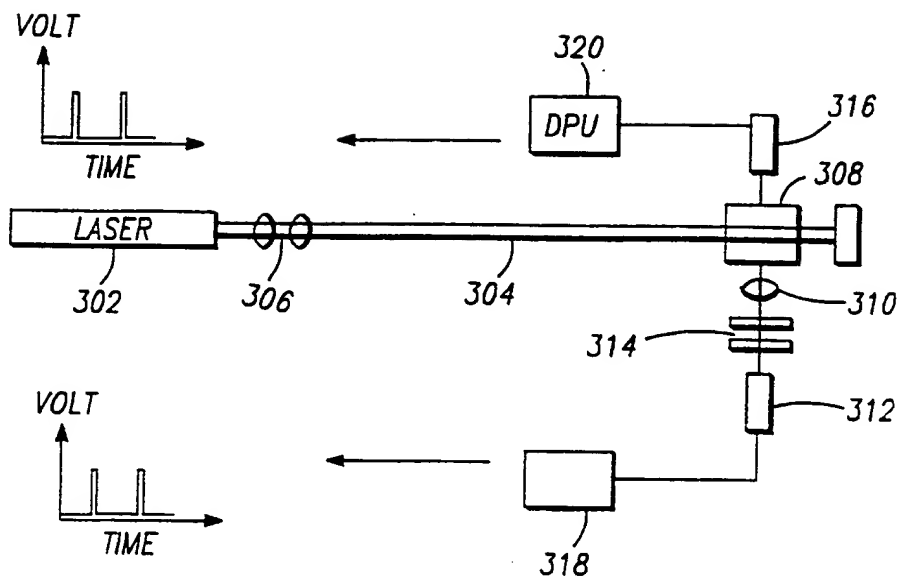


FIG. - 3A

300

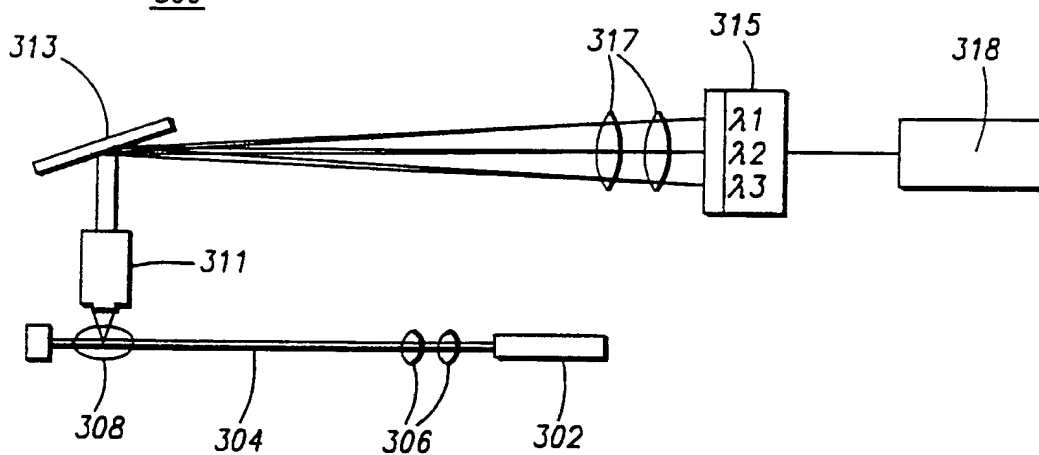


FIG. - 3B

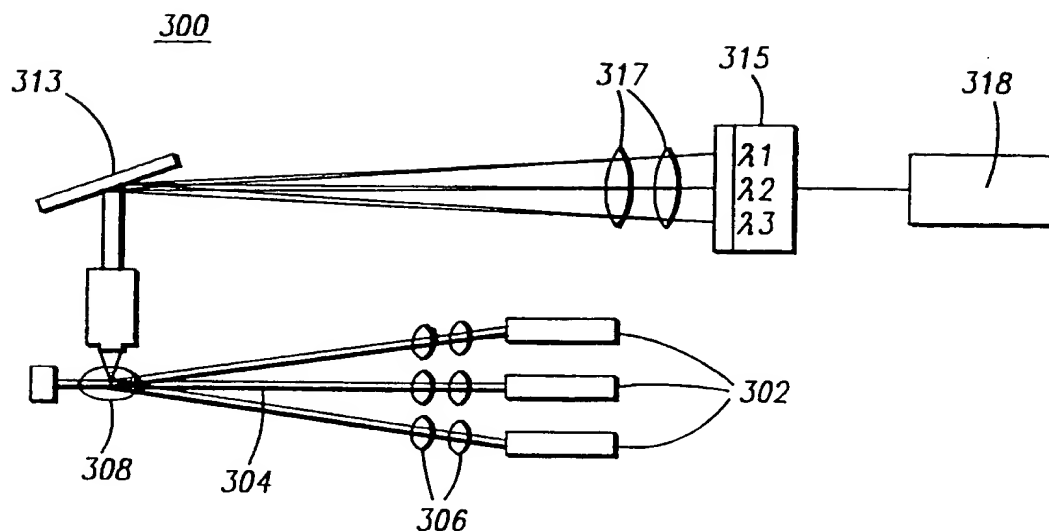


FIG. - 3C

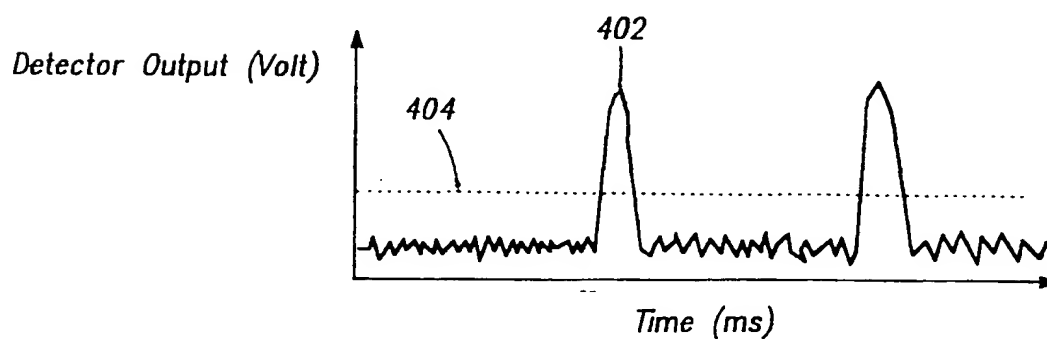


FIG. - 4A

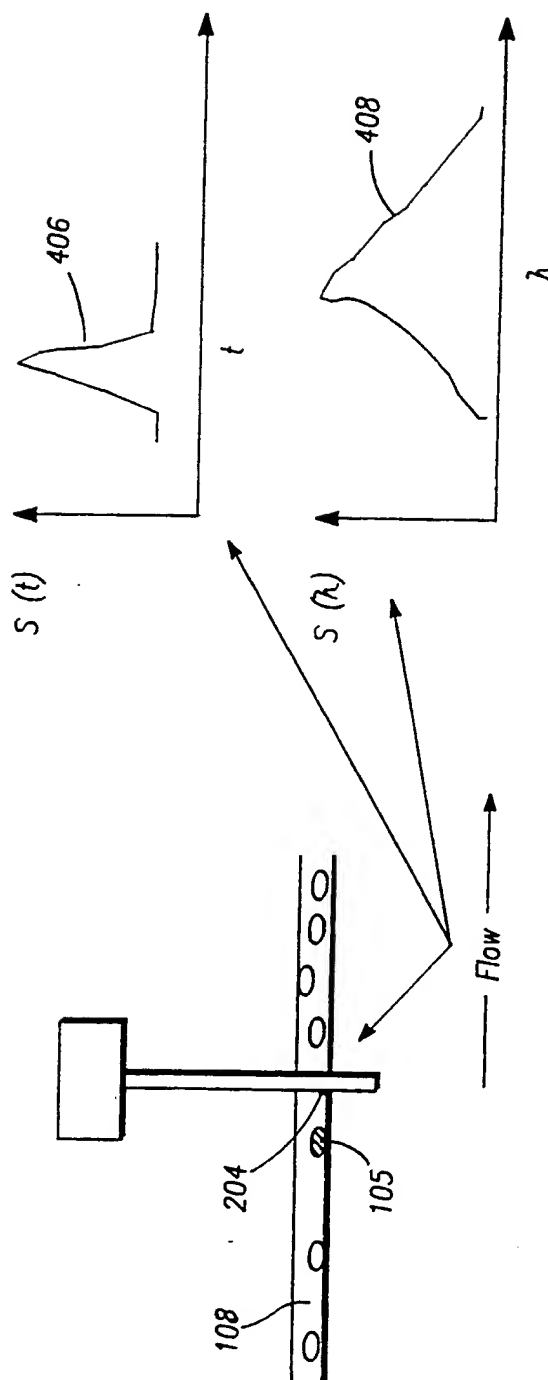
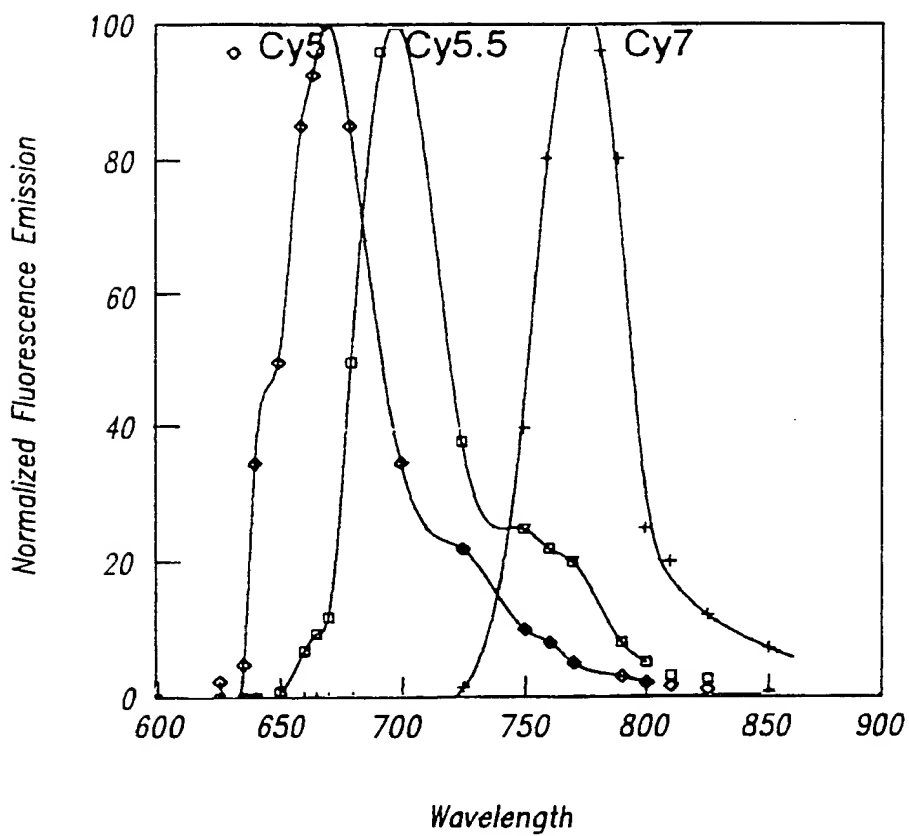


FIG. -4B

Emission Spectra of the CyDye Fluorescent Dye*FIG. — 5A*

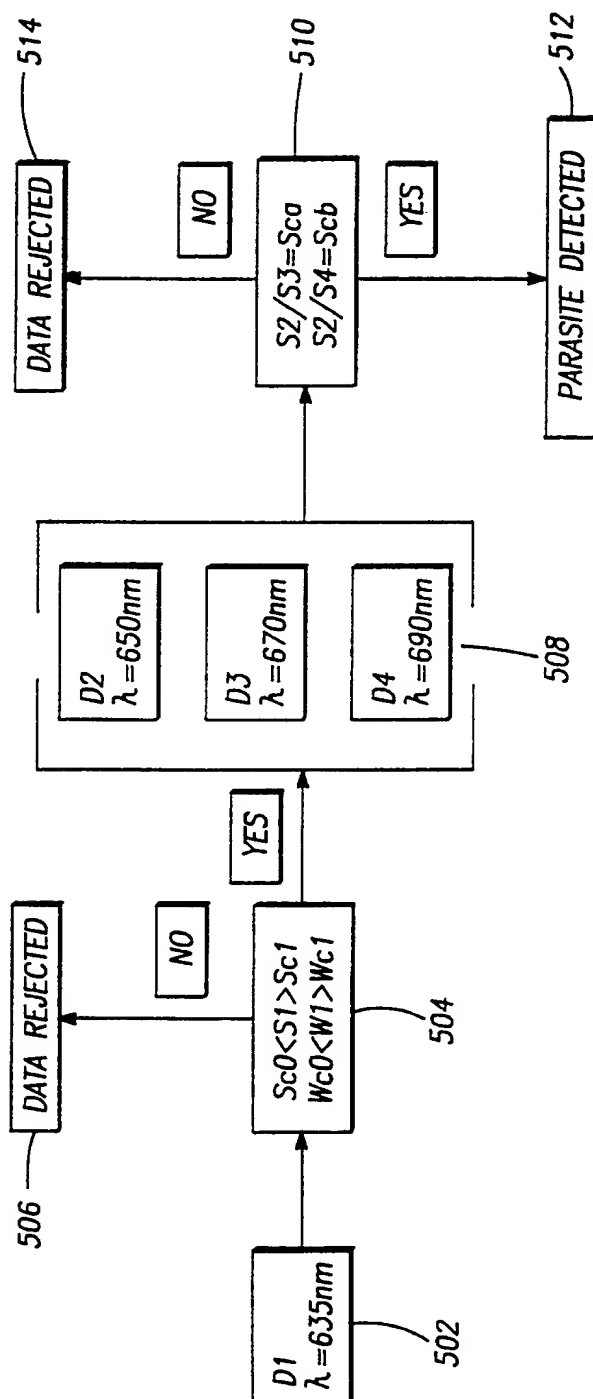
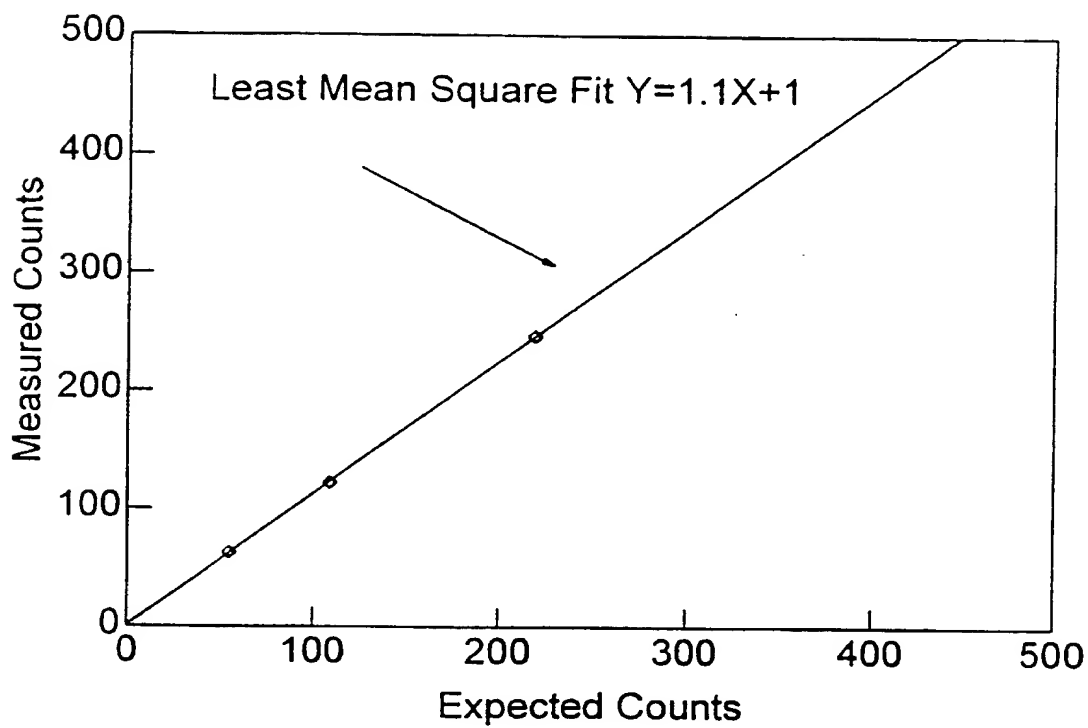
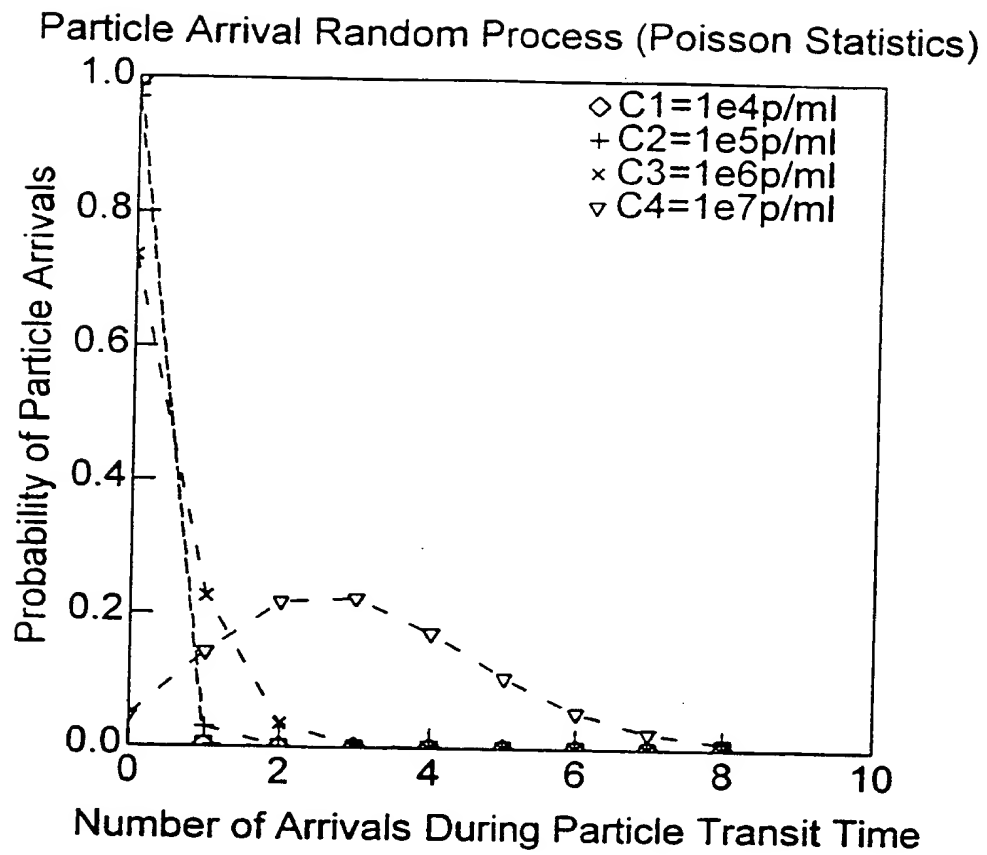


FIG. -5B

Calibration Experiment: 2 micron crimson beads

*FIG. - 6A*

*FIG. -6B*

SYTO60 Stained Ecoli calibration curve (Guava Device)
Detection Time: 30 seconds

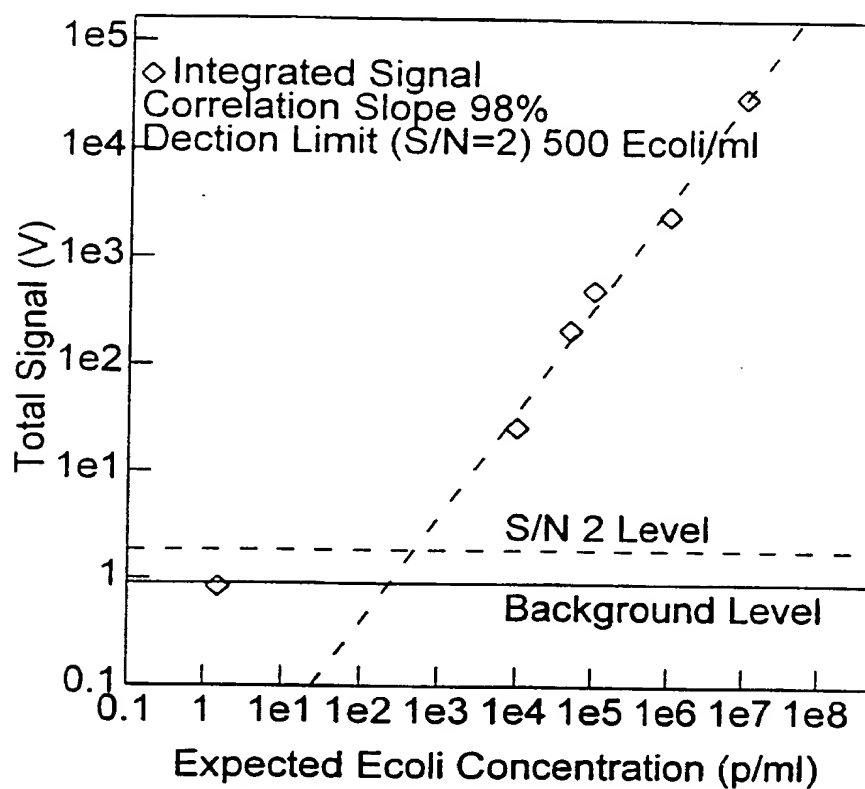
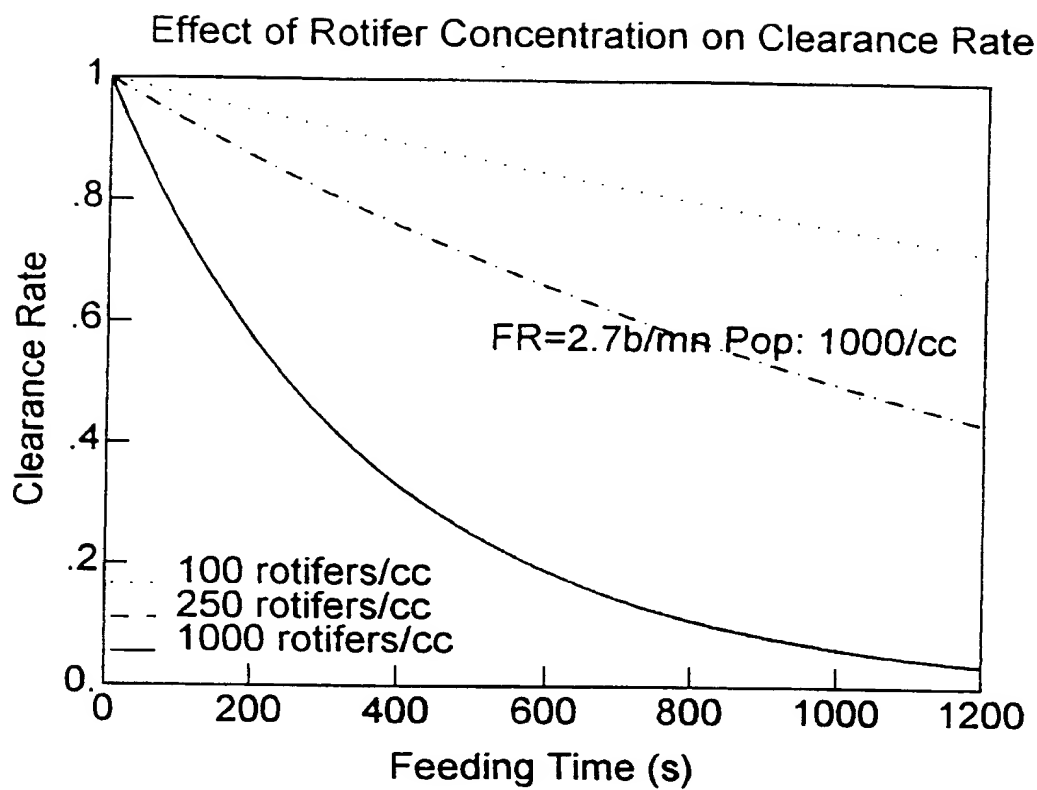
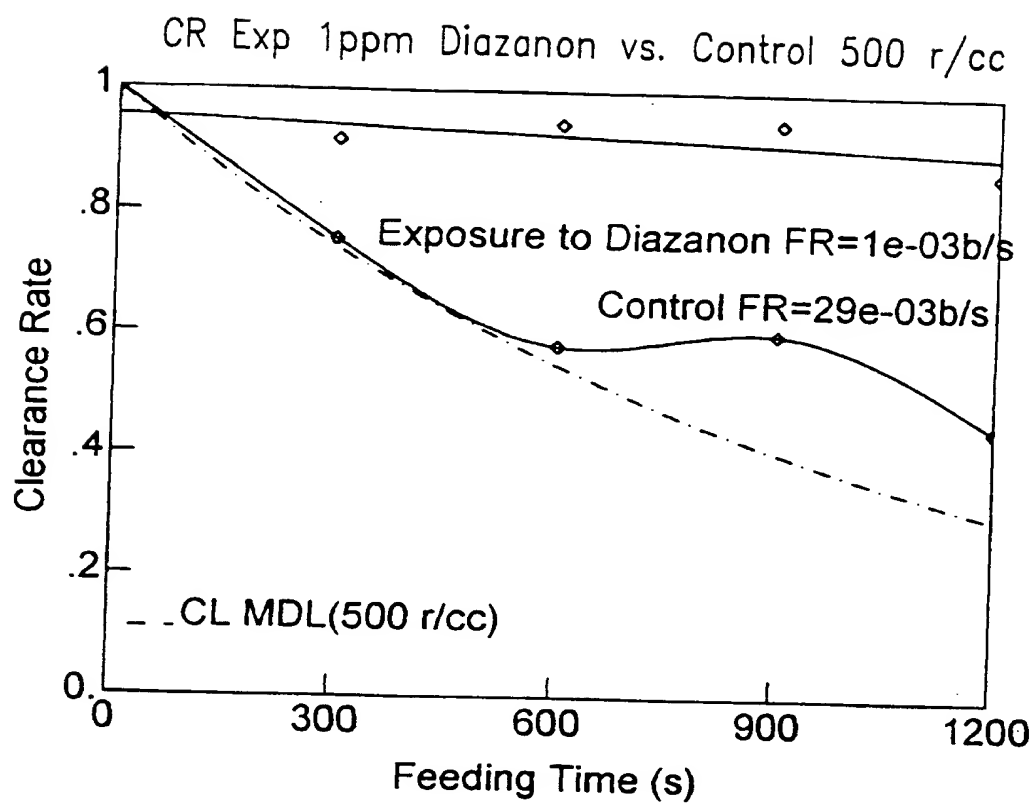
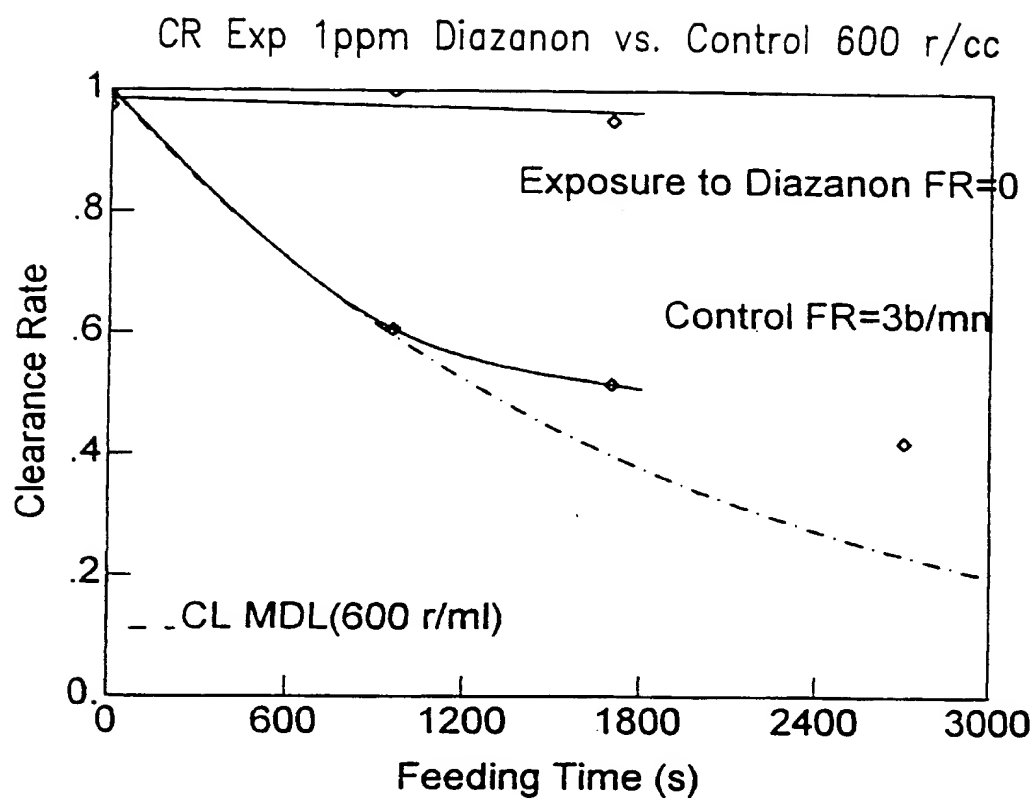


FIG. -6C

*FIG. - 7A*

*FIG. - 7B*

*FIG. - 7C*

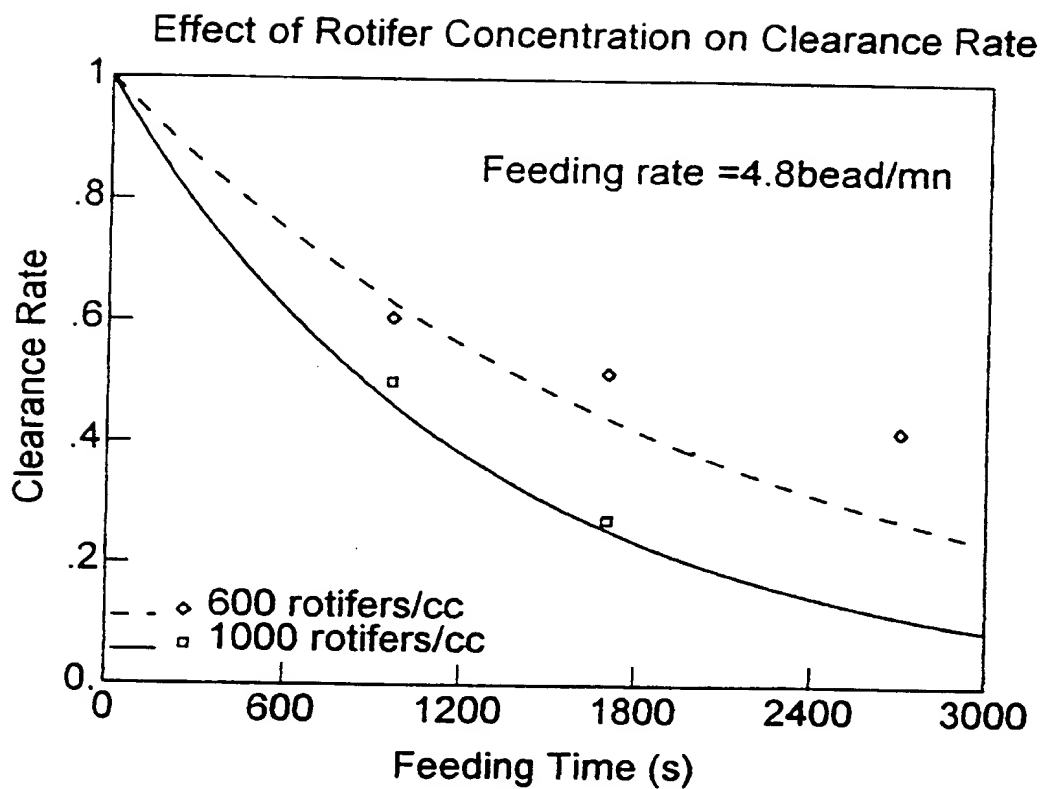


FIG. - 7D